

## Dr. Amit Rai

Professor Shambhunath Institute of Pharmacy Prayagraj

Ph.D. (Pharmaceutical Chemistry)

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Research Gate Statistics: RG Score 23.45, Publications 38, Patent 02  
h-index 07, i10-index 04, Citations 138, Book Chapters 01, Books 06

[https://www.researchgate.net/profile/Amit\\_Rai27/scores](https://www.researchgate.net/profile/Amit_Rai27/scores)



## OBJECTIVE

I am seeking a challenging environment where my skills can be best utilized towards achieving Organizational goals.

## RESEARCH INTEREST

Synthetic Medicinal Chemistry; Molecular Modelling; Bioinformatics; Anticancer Drug Developments; Isolation of Natural Products; NMR-based Metabolomics; *In-Vitro and In-Vivo* study; Pharmacokinetic study

## TEACHING INTEREST

Pharmaceutical Analysis; Medicinal Chemistry; Pharmaceutical Organic Chemistry; Biochemistry; Computer Based Drug Designing

## TEACHING EXPERIENCE

- **Shambhunath Institute of pharmacy, Prayagraj**  
**Designation:** Professor  
**Department:** Pharmacy  
**Duration:** 21 Aug 2018 to till date.

## INDUSTRIAL EXPERIENCE

- **UNICHEM Laboratories Ltd. Baddi, Solan (H.P.)**  
**Designation:** Officer  
**Department:** Quality Control  
**Duration:** July 2012 to Sep 2013
- **Associated Biotech Baddi, Solan (H.P.)**  
**Designation:** Trainee chemist  
**Department:** Production  
**Duration:** Feb 2012 to July 2012

## KEY SKILLS

- High performance liquid chromatography (HPLC)
- MetaboAnalyst (Metabolites study)
- PCR (Polymerase chain reaction) Techniques
- Bioinformatics (Computational study)
- Familiar with computer software like MS office tools
- Good Technical and Analytical skills
- Demonstrated ability to work as a team player as well as an individual with good communication skill.

## ACADEMIC DETAILS

1. **2018 Ph.D. (Pharmaceutical Science):** Babasaheb Bhimrao Ambedkar University (A Central University), Lucknow (U.P.)
2. **2011 M. Pharma (Pharmaceutical Chemistry):** From Kamla Nehru Institute of Management & Technology, Sultanpur, G.B. Technical University, Lucknow (U.P.)
3. **2009 B. Pharma:** From Rajarshi Rananjay Singh college of Pharmacy, Amethi, U.P. Technical University, Lucknow (U.P.)
4. **2003 XII:** From B.D.Y. Inter College, Allahabad (U.P.), U.P. Board
5. **2001 X:** From G.I.C. Allahabad (U.P.), U.P. Board

## ACHIEVEMENT

1. Qualified **GATE Exam 2008.**
2. Registered Pharmacist in U.P. State pharmacy council (Registration no. 43754)
3. UGC Doctorate Research Fellowship in 2013
4. UGC National Fellowship in 2015.
5. Qualified Course of Computer Concepts of NIELIT May 2015.

## Ph.D. TOPIC

**Title:** Design, synthesis and pharmacological screening of novel 1,4-benzohetrozine derivatives.

## PROJECT M. PHARMA

**Title:** A Validated spectroscopic and chromatographical determination of Abacavir sulfate in tablet formulation as per ICH guideline.

## TRAINING

- One-month Industrial Training in **UNICHEM Laboratories Ltd.** Industrial Area, Ghaziabad.
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## SEMINAR

1. Attended 1<sup>st</sup> **Pharma Tech IAPST International Conference** Jadavpur University Kolkata (January 2008).
2. Attended **International Conference Recent Advances in Pharmaceutical Sciences** in BHU (December 2010).
3. Attended National Seminar on Current Challenges of Pharmacy Education & Research at Lucknow (16 April 2011)
4. Two days **International Pharmaceutical Conference-2015** in Department of Pharmaceutical Sciences, Babasaheb Bhimrao Ambedkar University (A Central University), Vidya Vihar, Rai Bareli Road, Lucknow 226025, India, on “**Nanoformulations and translational research: small getting bigger**” and presented a poster entitled “***In Silico* Study of Novel 1, 4-Benzothiazine Derivatives as Potential Antihypertensive Agents**”.
5. Attended Three days’ workshop Hands-on-Training on **SEM, FTIR, FPLC** and Ion Chromatography, in Department of Pharmaceutical Sciences, Babasaheb Bhimrao Ambedkar University (A Central University), Vidya Vihar, Rai Bareli Road, Lucknow 226025, India, 2015.
6. Attended Seven days workshop on **NMR/MRI from molecules to human behavior** organized by Centre of Biomedical Research (CBMR) and Babasaheb Bhimrao Ambedkar University (A Central University), Vidya Vihar, Rai Bareli Road, Lucknow 226025, India, 2015.
7. Attended National Seminar on **Role of libraries to educate down trodden society in the present-day scenario (NSLEDTS-2015)** in Department of Library and Information Science, Babasaheb Bhimrao Ambedkar University (A Central University), Vidya Vihar, Rai Bareli Road, Lucknow 226025, India, (9August 2015).
8. 3<sup>rd</sup> Lucknow Science Congress and National Conference on “**Science for Society: An Interdisciplinary Approach**” and Oral Presentation on entitled “**A Potential Approach: *In silico* design novel 1,4-Benzothiazine Derivatives for the Treatment of Hypertension**” Organize by Babasaheb Bhimrao Ambedkar University (A Central University), Vidya Vihar, Rai Bareli Road, Lucknow 226025, India (31 Oct to 2<sup>nd</sup> Nov 2015).
9. Three-week PCR training at MRD life sciences Lucknow, India.
10. Attended International Conference on Updates in Cancer Prevention and Research (ICUCPR-2017) & Satellite Conference on Translational Pharmaceutical Research: Trends and Implications and Oral Presentation on entitled “**Design and Synthesis of Impressive 1,4-Benzothiazine derivatives: A potential application for cancer treatment**” Organize by Babasaheb Bhimrao Ambedkar University (A Central University), Vidya Vihar, Rai Bareli Road, Lucknow 226025, India (14<sup>th</sup> -16<sup>th</sup> & 20<sup>th</sup> Feb 2017).
11. Two days **National Conference** on “**Tourist and Green Spaces: Healthier lifestyle approaches from Nature**” and Oral Presentation on entitled “**Ayurveda promotes tourism in India**” Supported by: Ministry of Tourism, Government of India, Department

of Pharmaceutical Sciences, Babasaheb Bhimrao Ambedkar University (A Central University), Vidya Vihar, Rai Bareli Road, Lucknow 226025, India.

12. Attended Eight-day Faculty Development Program on “**Universal Human Values and Professional Ethics**” organized by TEQIP-III and conducted by Value Education Cell, AKTU Lucknow at Shambhunath Institute of Engineering & Technology, Allahabad India, 5<sup>th</sup> to 12<sup>th</sup> Jan 2019.
13. Attended One Week Faculty Development Program on the “**3D Printing Technology becomes an Innovative Prospect for Pharmaceutical Industries in Drug Delivery System**”, Organized by Joint Association of Shambhunath Institute of Pharmacy and Dr. Abdul Kalam Technical University Jhalwa, Prayagraj, India, 11<sup>th</sup> to 15<sup>th</sup> Feb 2020.

## PATENT

1. Amit K Keshari, Sudipta Saha, Vinit Raj, **Amit Rai** and Ashok K Singh. 5H-benzo[h]thiazolo[2,3-b]quinazolines containing nitrogen bridgehead as an anti-hepatocellular carcinogenic agent. Patent: Application Number 201611032810. 26 September 2016.
2. Ashok K Singh, Sudipta Saha\*, Vinit Raj, Amit K Keshari, **Amit Rai**, Pranesh Kumar: 5H-benzo[2,3][1,4]thiazepino[5,6-b]indoles for the treatment of liver cancer. Ref. No: Ref. No: Application Number 201711026168 Year: 07/2017.

## BOOKS PUBLISHED

1. **Modern Extraction Techniques for Drugs and Medicinal Agents**, Sudipta Saha Ashok K Singh, Amit K Keshari, Vinit Raj, **Amit Rai**, Siddhartha Maity “Ingredients Extraction by Physicochemical Methods in Food Handbook of Food Bioengineering”, Volume 4, No. of pages:628, Language: English Copyright: © Academic Press Imprint: Academic Press Paperback ISBN: 9780128115213. Elsevier publishing.
2. Vinit Raj, Jitendra Kumar Rawat and **Amit Rai** “**Tripterygium wilfordii**”. ISBN: 978-3-659-63015-6. Lambert Academic Publishing (Germany).
3. Vinit Raj, **Amit Rai** and Vinod Kumar “**1, 3, 4-Thiadiazole derivatives as Anticonvulsant Agents**” ISBN: 978-3-659-74750-2. Lambert Academic Publishing (Germany).
4. Mahendra Singh, Vinit Raj and **Amit Rai** “**Multiparticulates system for mouth dissolving tablets**” ISBN: 978-3-659-76072-3. Lambert Academic Publishing (Germany).
5. Anil Kumar Sahdev, Vinit Raj and **Amit Rai** “**QSAR Based Approached: Significance and uses in Molecular Design**” ISBN: 978-3-659-90701-2. Lambert Academic Publishing (Germany).
6. Anil Kumar Sahdev, Vinit Raj and **Amit Rai** “**A Study on some medicinal plants from Bhimtal region**” ISBN: 978-3-659-92100-1. Lambert Academic Publishing (Germany).
7. Vinit Raj, Anil Kumar Sahdev, and **Amit Rai** “**Liposome based approached: Various Technique and Applications**” ISBN: 978-3-330-01945-4. Lambert Academic Publishing (Germany).

1. **Amit Rai**, Umesh Kumar, Vinit Raj, Ashok K Singh, Pranesh Kumar, Amit K Keshari, Dinesh Kumar, Biswanath Maity, Arnab De, Amalesh Samanta, Sneha Nath, Anand Prakash, Sunil Babu Gosipatala, Gyan Chand, Sudipta Saha\*: Novel 1,4-benzothiazines obliterate COX-2 mediated JAK-2/STAT-3 signals with potential regulation of oxidative and metabolic stress during colorectal cancer. *Pharmacological Research*, 2018, 132, 188-203. (**Impact factor 4.89**), ISSN: 1043-6618.
2. **Amit Rai**, Ashok K Singh, Vinit Raj, Sudipta Saha\*: 1,4-Benzothiazines- A biologically attractive scaffold. *Mini Reviews in Medicinal Chemistry*, Bentham science, 07/2017; (Accepted), BSP-MRMC-2017-946, (**Impact factor 2.8**) ISSN: 1389-5575.
3. **Amit Rai**, Vinit Raj, Mohamed Hodhod Aboumanei, Ashok K. Singh, Amit K. Keshari, Suraj P. Verma, Sudipta Saha\*: Pharmacophore, 3D-QSAR models and Dynamic Simulation of 1,4-Benzothiazines for Colorectal Cancer Treatment. *Combinatorial chemistry & high throughput screening Bentham science*, 07/2017; 20(999); (Accepted) DOI:10.2174/138 6207320666170509153137, BSP-CCHTS-2016-615, (**Impact factor 1.2**), ISSN: 1386-2073
4. **Amit Rai**, Vinit Raj, Ashok K. Singh, Amit K. Keshari, Umesh Kumar, Dinesh Kumar, Sudipta Saha\*: Design and synthesis of 1,4-benzothiazine derivatives with promising effects against colorectal cancer cells. *Cogent Chemistry*, Taylor & Francis, 03/2017; 1-24. DOI:10.1080/2331200 9.2017.1303909, ISSN: 2331-2009.
5. **Amit Rai**, Mohamed H. Aboumanei, Suraj P. Verma, Sachidanand Kumar and Vinit Raj\*. Molecular Docking, Pharmacophore, and 3D-QSAR Approach: Can Adenine Derivatives Exhibit Significant Inhibitor Towards Ebola Virus? *The Open Medicinal Chemistry Journal*, 2017, 11, 3-00.
6. **Amit Rai**, Vinit Raj, Ashok K. Singh, Amit K. Keshari, Sudipta Saha\*, A method for determining 1,4-benzothiazine derivatives in rat plasma by HPLC and its application to a pharmacokinetic study. *International Journal of Pharmacy and Pharmaceutical Sciences* 9(12):82-86, November 2017, DOI: 10.22159/ijpps.2017v9i12.19339.
7. Ashok K Singh, Archana Singh Bhadauria, Umesh Kumar, Vinit Raj, **Amit Rai**, Pranesh Kumar, Amit K Keshari, Dinesh Kumar, Biswanath Maity, Sneha Nath, Anand Prakash, Sudipta Saha\*, Novel Indole-fused benzo-oxazepines (IFBOs) inhibit invasion of hepatocellular carcinoma by targeting IL-6 mediated JAK2/STAT3 oncogenic signals, April 2018, *Scientific Reports* DOI 10.1038/s41598-018-24288-0. (**Impact factor 4.25**).
8. Vinit Raj, Archana S. Bhadauria, Ashok K. Singh, Umesh Kumar, **Amit Rai**, Amit K. Keshari, Pranesh Kumar, Dinesh Kumar, Biswanath Maity, Sneha Nath, Anand Prakash, Kausar M. Ansari, Jawahar L. Jat, Sudipta Saha\*, Novel 1,3,4-thiadiazoles inhibit colorectal cancer via blockade of IL-6/COX2 mediated JAK2/STAT3 signals as evidenced through data-based mathematical modeling, *Cytokine*, Received 8 February 2018; Received in revised form 19 March 2018; Accepted 19 March 2018. (**Impact factor 3.48**).

9. Ashok K. Singh, Vinit Raj, Amit K. Keshari, **Amit Rai**, Pranesh Kumar, Atul Rawat, Biswanath Maity, Dinesh Kumar, Anand Prakash, Arnab De, Amalesh Samanta, Bolay Bhattacharya, Sudipta Saha\*, Isolated mangiferin and naringenin exert antidiabetic effect via PPAR $\gamma$ /GLUT4 dual agonistic action with strong metabolic regulation. *Chemico-Biological Interactions* 280 (2018) 33–44. (**Impact factor 3.14**), ISSN: 0009-2797.
10. Ashok K. Singh, Vinit Raj, **Amit Rai**, Amit K. Keshari, Pranesh Kumar, Sudipta Saha\*, Determination of 5H-Benzo[2,3][1,4]oxazepino[5,6-b]indoles in rat plasma by Reversed-Phase High-Performance Liquid Chromatographic-Ultraviolet Method: Application to pharmacokinetic studies. November 2017. *Asian Journal of Pharmaceutical and Clinical Research* 10(12):425-430. DOI: 10.22159/ajpcr.2017.v 10i12.22565.
11. Amit K Keshari, Ashok K singh, Umesh Kumar, Vinit raj, **Amit rai**, Pranesh Kumar, Dinesh Kumar, Biswanath Maity, Sneha nath, Anand Prakash, Sudipta saha\*, 5H-benzo[h]thiazolo[2,3-b]quinazolines ameliorate nDea-induced hepatocellular carcinogenesis in rats through il-6 downregulation along with oxidative and metabolic stress reduction. *Drug Design, Development and Therapy* 2017:11 2981–2995.
12. Priyanka Mishra, Vinit Raj, Archana Singh Bhadauria, Ashok K Singh, **Amit Rai**, Pranesh Kumar, Amit K Keshari, Arnab De, Amalesh Samanta, Umesh Kumar, Dinesh Kumar, Biswanath Maity, Sneha Nath, Anand Prakash, Kausar Ansari, Sudipta Saha\*. 6,7-dimethoxy-1,2,3,4-tetrahydro-isoquinoline-3-carboxylic acid attenuates colon carcinogenesis via blockade of IL-6 mediated signals, February 2018 *Biomedicine & Pharmacotherapy*. Accepted (**Impact Factor 2.7**)
13. Pranesh Kumar, Ashok K Singh, Vinit Raj, **Amit Rai**, Amit K Keshari, Dinesh Kumar, Biswanath Maity, Anand Prakash, Sabyasachi Maiti, Sudipta Saha\*. PLGA loaded nanoparticles of betulinic acid for improved treatment of hepatic cancer: characterization, in vitro and in vivo evaluations, January 2018 *International Journal of Nanomedicine*. (**Impact Factor 4.3**) ISSN: 1178-2013
14. Shalini Chauhan, Pranesh Kumar, Ashok K Singh, Vinit Raj, **Amit Rai**, Amit K Keshari, Anand Prakash, Sudipta Saha. A Natural Product, Naringin, Actives against Pylorus Ligation Induced Esophagitis in Male Wistar Rats *Pharmacology*. March-April 2017;79(2). IJPS-16-144R1 accepted (**Impact Factor 0.7**)
15. Vinit Raj, Mohamed H. Aboumanei, **Amit Rai**, Suraj P. Verma, Ashok K Singh, Amit K Keshari, Sudipta Saha\*: Pharmacophore and 3D-QSAR modeling of novel 1,3,4-thiadiazole derivatives: specificity towards colorectal cancer. *Pharmaceutical Chemistry Journal*, Springer, 07/2017; (**Impact factor 0.4**), ISSN: 0091-150X.
16. Vinit Raj, **Amit Rai**, Sudipta Saha, A comprehensive review on 1,3,4-thiadiazole as anticancer agent through human cell line-based approach. *Anticancer journal of medicinal chemistry*. 16(12)2016. DOI: 10.2174/ 18715206166661013150151. (**Impact Factor 2.8**).
17. Vinit Raj, **Amit Rai**, Ashok K Singh, Amit K Keshari, Prakruti Harshvardhanbhai Trivedi, Balaram Ghosh, Umesh Kumar, Dinesh Kumar, Sudipta Saha\*: Discovery of Novel 2-Amino-5-(Substituted)-1,3,4-Thiadiazole Derivatives: New Utilities for Colon Cancer Treatment. *Anti-cancer agents in medicinal chemistry* 06/2017; 17, DOI:10.2174/18715206176661704191229 16, (**Impact factor 2.7**), ISSN: 1871-5206.

18. Vinit Raj, **Amit Rai**, Ashok K. Singh, Amit K. Keshari, Sudipta Saha\*, Pharmacokinetics studies of single orally administered 1,3,4-thiadiazoles: Method development and validation. DOI: 10.4155/ipk-2017-0006. International journal of pharmacokinetics vol. 2, NO. 4, 13 Oct 2017.
19. Ashok K Singh, Vinit Raj, **Amit Rai**, Amit K Keshari & Sudipta Saha\*, “Indole-fused benzooxazepines: a new structural class of anticancer agents”, Future Sci. OA (2017) FSO168.
20. Sarita Singh, **Amit Rai**, Siddhartha Maity, Srimanta Sarkar, Sutanu Maji & Sudipta Saha\* “Effect of ethanolic extract of *Quisqualis indica* L. flower on experimental esophagitis in albino Wistar rats”, Indian Journal of Experimental Biology Vol. 55, February 2017, pp. 122-126.
21. Vinit Raj\*, **Amit Rai**, Mahendra Singh, Ram Kumar, Arvind Kumar, Vinod Kumar and S.K. Sharma “Recent Update on 1,3,4-Thiadiazole Derivatives: As Anticonvulsant Agents”. *American Research Journal of Pharmacy*, ISSN 2380-5706.
22. Vinit Raj, **Amit Rai** and Sudipta Saha\* Review Article Human Cancer Cell Line Based Approach of 1,3,4-thiadiazole and its Fused Ring: A Comprehensive Review Anti-Cancer Agents in Medicinal Chemistry, 2017, 17, 000-000.
23. Amit K Keshari, Ashok K Singh, Vinit Raj, **Amit Rai**, Prakruti Trivedi, Balaram Ghosh, Umesh Kumar, Atul Rawat, Dinesh Kumar, Sudipta Saha\*: p-TSA promoted syntheses of 5H-benzo[h]thiazolo[2,3-b]quinazoline and indeno[1,2-d]thiazolo[3,2-a]pyrimidine analogs: Molecular modeling and in-vitro antitumor activity against hepatocellular carcinoma. *Drug Design, Development and Therapy*, Dovepress, 05/2017, (**Impact factor 2.8**), ISSN: 1177-8881.
24. Anil K Sahdev, Vinit Raj, Ashok K Singh, **Amit Rai**, Amit K Keshari, Arnab De, Amalesh Samanta, Umesh Kumar, Atul Rawat, Dinesh Kumar, Sneha Nath, Anand Prakash, Sudipta Saha\*: Ameliorative effects of pyrazinoic acid against oxidative and metabolic stress manifested in rats with dimethylhydrazine induced colonic carcinoma. *Cancer biology & therapy*, Taylor & Francis, 05/2017, DOI: 10.1080/15384047.2017.1310341, (**Impact factor 2.9**), ISSN: 1538-4047.
25. Atul Rawat, Swati Chaturvedi, Ashok K Singh, Anupam Guleria, Durgesh Dubey, Amit K Keshari, Vinit Raj, **Amit Rai**, Anand Prakash, Umesh Kumar, Dinesh Kumar, Sudipta Saha\*: Metabolomics approach discriminates toxicity index of Pyrazinamide and its metabolic products; Pyrazinoic acid and 5-Hydroxy Pyrazinoic acid. *Human & Experimental Toxicology* 04/2017, DOI: 10.1177/0960327117705426, (**Impact factor 1.7**), ISSN: 0960-3271.
26. Joginder Kumar, **Amit Rai** and Vinit Raj\* “A Comprehensive Review on the Pharmacological Activity of Schiff Base Containing Derivatives”. *Organic and Medicinal Chemistry*, January 23, 2017
27. Vinit Raj, Sudipta Saha, **Amit Rai**, Arvind Kumar and Vinod Kumar “Augmentation of caspase-3 activity to induced apoptosis by novel 1, 3, 4-thiadiazole derivatives: A potential Bioinformatics hypothesis to treatment of the cancer”. *EC Pharmaceutical Science*.

28. Vinit Raj, Praveen Kumar, **Amit Rai**, Mahendra Singh, Durgesh Kumar, Anil Kumar Sahdev. Review on the pharmacological activities of Hydrazones derivatives. *EC Pharmaceutical Science*.2.3 (2016): 278-306.
29. Vinit Raj, **Amit Rai**, Deepak Kumar and Vinod Kumar. “Molecular Modeling Studied For Inhibition of Calcium Channel Receptor: A strategy for the development of new antiepileptic Drug”. *PharmaTutor*.
30. **Amit Rai**, Vinit Raj and Deepak Kumar. “A noval Bioinformatics approach: To design noval 1, 4-benzothiazine derivatives for the treatment of Hypertension”. *American Journal of Pharm Tech Research*.2015, vol-5, issue 1, 578-586. (ISSN-2249-3387) **Impact factor 0.9**.
31. Sudipta Saha, **Amit Rai**, Mahendra Singh, Vinit Raj \*, Durgesh Kumar and Anil Kumar Sahdev “Homology modeling, MD simulation and in silico screening of Activator for the Intensification of human sirtuin type 1 (SIRT1) by novel 1,3,4-thiadiazole derivatives-A potential antiaging approach”. *Mol2Net*, 2015, 1(Section B), pages 1-19,
32. Vinit Raj, **Amit Rai** and Jitendra Kumar Rawat. “In Silico Design and Computational Study of Novel 1, 3, 4-Thiadiazole Derivatives as Potential Affinity with NA/H Exchanger Receptor for Anticonvulsant Activity”. *PharmaTutor*. 2014, vol 2, issue 5, 113-119. (ISSN: 2347-7881).
33. **Amit Rai** and Vinit Raj. “*In Silico* Designing, Docking, ADME, Bioactivity and Toxicity Prediction of Novel 1, 4-Benzothiazine Derivatives as Potential Antihypertensive Agents”. *American Journal of Pharm Tech Research*.2014; vol 4, issue 1, 1004-1012. (ISSN- 2249-3387) **Impact factor 0.9**
34. M. Algar Raja, **Amit Rai**, Satish Kumar Yadav, Shuchita Mishra. “Determination of Abacavir Sulfate in tablet Formulation and Validation of Simple Spectrophotometric Estimation in Bulk and Pharmaceutical Formulations”. *International Journal of Research & Pharmaceutical Sciences*.2011; 2 (2), 320-323. (ISSN-0975-7538).
35. M. Algar Raja, D. Selva Kumar, **Amit Rai**, Satish Kumar Yadav, Shuchita Mishra. “RP-HPLC Method Estimation and its Validation of Abacavir Sulfate in tablet Formulation in Bulk and Pharmaceutical Formulations”. *International Journal of Biological & Pharmaceutical Research*.2012; 3(1), 1-5. (ISSN- 0976 – 3651 2229 – 7480).
36. M. Algar Raja, Satish Kumar Yadav, **Amit Rai**, Shuchita Mishra. “Analytical Estimation of lansoprazole and validation of simple spectrophotometric in bulk and capsule formulation”. *International Journal of research & pharmaceutical sciences*.2011; 2(2), 521-524. (ISSN-0975-7538).
37. M. Algar Raja, D. Selva Kumar, Shuchita Mishra, **Amit Rai**, Satish Kumar Yadav. “A validated RP-HPLC determination of lamivudine in various dosage forms as per ICH guidelines”. *International Journal of Pharmaceutical Development and Technology* 2012; 2(1), 1-5. (ISSN- 2248 – 9096).
38. M. Algar Raja, Shuchita Mishra, **Amit Rai**, Satish Kumar Yadav. “Analytical method development and validation of simple spectrophotometric estimation of lamivudine in bulk and pharmaceutical formulations”. *International Journal of research & pharmaceutical sciences* .2011; 2 (2), 315-319. (ISSN-0975-7538).



## PERSONAL DETAIL

**Date of Birth:** 02 July 1986  
**Father Name:** Mr. Deep Chandra  
**Mother Name:** Smt. Chandrawati  
**Marital Status:** Married  
**Languages knows:** English, Hindi  
**Address:** 80, New Mumford ganj Allahabad (U.P.)

## DECLARATION

I hereby declare that all the details furnished above are true to the best of my knowledge and if found false, I am responsible.

**Place**  
**(Prayagraj)**

**( Dr. Ami Rai)**

## REFERENCE

**1. Dr. Sudipta Saha**

Assistant Professor

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**2. Prof. Shubhini A. Saraf**

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**3. Mr. Rishi Wadhawan**

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